

Datasheet for ABIN1834919

anti-CD31 antibody



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Overview

Quantity:	0.1 mg
Target:	CD31 (PECAM1)
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Porcine CD31/human IgGFc fusion protein.
	Type of Immunogen: Fusion protein
Clone:	LCI-4
Isotype:	IgG1
Specificity:	Recognizes porcine CD31, also known as Platelet endothelial cell adhesion molecule (PECAM-1). CD31 is constitutively expressed by platelets, monocytes and some lymphocytes, it is expressed by endothelial cells at a level, an order of magnitude greater than that of other cell types. The extracellular region contains six Ig-like domains. Clone LCI-4 is cross reactive with human CD31 and binds to the 5th extracellular Ig domain, proximal to the transmembrane region as demonstrated by human CD31 domain deletion mutant protein binding studies. Immunoprecipitates a protein of ~130 kD from lysates of porcine aortic endothelial cells and is

Product Details

strongly expressed at cell junctions.

Purification: Protein G purified

Target Details

Target: CD31 (PECAM1)

Alternative Name: PECAM-1 / CD31 ([PECAM1 Products](#))

Background: Name/Gene ID: PECAM1

Synonyms: PECAM1, CD31, CD31 antigen, EndoCAM, PECA1, PECAM-1, GPIIA

Gene ID: 5175

UniProt: [P16284](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Approved: Flo, IF, IHC, IHC-Fr

Usage: Flow Cytometry: Use 10 µL of the suggested working dilution to label 10⁶ cells or 100 µL whole blood.

Comment: Target Species of Antibody: Pig

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C,-20 °C

Handling

Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.